

SEQUENZPROTOKOLL

- <110> Jomaa, Hassan
- <130> 15514
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Asn Ala Leu Lys His Pro Lys Trp Lys Met Gly Lys Lys Ile Thr Ile 290 295 300

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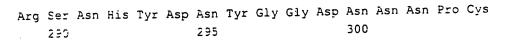
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Asp His Val Ile Lys Gln Asn Lys His Gln Tyr Leu Ile Thr Tyr Glu	
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gaa aat aat tat att aca aaa cat aac tta tat gtt cat aat att tat	3626
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1155 1160 1165	
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Leu Ser Asn Glu Pro Ile Glu His Ala Ser Phe Lys Asp Gln Glu	
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1170 1175 1180	
the set are art are art are art tat	3722
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Val Val Lys Met Asp Lys Cys Ser Leu Val Asn Arg Ile Lys Asn Tyr	
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Leu lys Asn Asn Pro Thr	
1200 1205	
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- Asn 31n Ile Lys Thr Glu Lys Ile Tyr Ile Lys Lys Leu Asn Arg Leu 35 40 45
- Ser Arg Lys Asn Ser Leu Cys Ser Ser Lys Asn Lys Ile Ala Cys Leu 50 55 60
- Phe Asp Ile Gly Asn Asp Asp Asn Arg Asn Thr Thr Tyr Gly Tyr Asn 65 70 75 80
- Val Asn Val Lys Asn Asp Asp Ile Asn Ser Leu Leu Lys Asn Asn Tyr 35 90 95
- Ser Asn Lys Leu Tyr Met Asp Lys Arg Lys Asn Ile Asn Asn Val Ile
 100 105 110
- Ser Thr Asn Lys Ile Ser Gly Ser Ile Ser Asn Ile Cys Ser Arg Asn 115 120 125
- Glm Lys Glu Asn Glu Gln Lys Arg Asn Lys Gln Arg Cys Leu Thr Gln 130 135 140
- Cys His Thr Tyr Asn Met Ser His Glu Gln Asp Lys Leu Ala Asn Asp 145 150 155 160
- Asn Asn Arg Asn Asn Lys Lys Asn Phe Asn Leu Leu Phe Ile Asn Tyr 165 170 175
- Phe Asn Leu Lys Arg Met Lys Asn Ser Leu Leu Asn Lys Asp Asn Phe 180 185 190
- Phe Tyr Cys Lys Glu Lys Lys Leu Ser Phe Leu His Lys Ala Tyr Lys 195 200 205
- Lys lys Asn Cys Thr Phe Gln Asn Tyr Ser Leu Lys Arg Lys Ser Asn 210 215 220
- Arg Asp Ser His Lys Leu Phe Ser Gly Glu Phe Asp Asp Tyr Thr Asn 225 230 235 240
- Asn Asn Ala Leu Tyr Glu Ser Glu Lys Lys Glu Tyr Ile Thr Leu Asn 245 250 255
- Asn Asn Asn Lys Asn Asn Asn Asn Lys Asn Asn Asn Asn Asn Asn Asn 260 265 270
- Asp Asn Asn Asp Tyr Asn Asn Asn Ser Cys Asn Asn Leu Gly Glu 275 280 285



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- Lys lys Gln Tyr Leu Pro Leu Leu Ala His Glu Leu Lys Ile Phe Leu 435 440 445
- Phe Fhe Ile Val Asn Ile Thr Gly Gly His Phe Ser Ser Val Leu Ser
- Ser Leu Glu Ile Gln Leu Leu Leu Leu Tyr Ile Phe Asn Gln Pro Tyr 465 470 475 480
- Asp Asn Val Ile Tyr Asp Ile Gly His Gln Ala Tyr Val His Lys Ile 485 490 495
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- Ile Ser Gly Phe Leu Asn Ile Phe Glu Ser Ile Tyr Asp Lys Phe Gly 515 520 525
- Ala Gly His Ser Ser Thr Ser Leu Ser Ala Ile Gln Gly Tyr Tyr Glu 530 535 540



Ala Glu Trp Gln Val Lys Asn Lys Glu Lys Tyr Gly Asn Gly Asp Ile
545 550 555 560

Glu Ile Ser Asp Asn Ala Asn Val Thr Asn Asn Glu Arg Ile Phe Gln 565 570 575

Lys Gly Ile His Asn Asp Asn Asn Ile Asn Asn Ile Asn Asn Asn Asn Sso 580 585

Asn Tyr Ile Asn Pro Ser Asp Val Val Gly Arg Glu Asn Thr Asn Val 595 600 605

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Ile Ile Gly Asp Gly Gly Leu Thr Gly Gly Met Ala Leu Glu Ala Leu 625 630 635 640

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Asn Gly Gln Val Ser Leu Pro Thr Asn Ala Val Ser Ile Ser Gly Asn 660 665 670

Arg Fro Ile Gly Ser Ile Ser Asp His Leu His Tyr Phe Val Ser Asn 675 680 685

Ile Glu Ala Asn Ala Gly Asp Asn Lys Leu Ser Lys Asn Ala Lys Glu

Asn Asn Ile Phe Glu Asn Leu Asn Tyr Asp Tyr Ile Gly Val Val Asn 705 710 715 720

Gly Asn Asn Thr Glu Glu Leu Phe Lys Val Leu Asn Asn Ile Lys Glu 725 730 735

Asn Lys Leu Lys Arg Ala Thr Val Leu His Val Arg Thr Lys Lys Ser 740 745 750

Asn Asp Phe Ile Asn Ser Lys Ser Pro Ile Ser Ile Leu His Ser Ile 755 760 765

Lys Lys Asn Glu Ile Phe Pro Phe Asp Thr Thr Ile Leu Asn Gly Asn
775 780

Ile His Lys Glu Asn Lys Ile Glu Glu Glu Lys Asn Val Ser Ser Ser 785 790 795 800



- Thr Lys Tyr Asp Val Asn Asn Lys Asn Asn Lys Asn Asn Asp Asn Ser 805 810 815
- Glu Ile Ile Lys Tyr Glu Asp Met Phe Ser Lys Glu Thr Phe Thr Asp 820 825 830
- Ile Tyr Thr Asn Glu Met Leu Lys Tyr Leu Lys Lys Asp Arg Asn Ile 835 840 845
- Ile Phe Leu Ser Pro Ala Met Leu Gly Gly Ser Gly Leu Val Lys Ile 851 860
- Ser Gli Arg Tyr Pro Asn Asn Val Tyr Asp Val Gly Ile Ala Glu Gln 865 870 875 880
- His Ser Val Thr Phe Ala Ala Ala Met Ala Met Asn Lys Lys Leu Lys 885 890 895
- Ile Glm Leu Cys Ile Tyr Ser Thr Phe Leu Gln Arg Ala Tyr Asp Glm 900 905 910
- Ile Ile His Asp Leu Asn Leu Gln Asn Ile Pro Leu Lys Val Ile Ile 915 920 925
- Gly Arg Ser Gly Leu Val Gly Glu Asp Gly Ala Thr His Gln Gly Ile
- Tyr Asp Leu Ser Tyr Leu Gly Thr Leu Asn Asn Ala Tyr Ile Ile Ser 945 950 955 960
- Pro Ser Asn Gln Val Asp Leu Lys Arg Ala Leu Arg Phe Ala Tyr Leu 965 970 975
- Asp Lys Asp His Ser Val Tyr Ile Arg Ile Pro Arg Met Asn Ile Leu 980 985 990
- Ser Ast Lys Tyr Met Lys Gly Tyr Leu Asn Ile His Met Lys Asn Glu 995 1000 1005
- Ser Lys Asn Ile Asp Val Asn Val Asp Ile Asn Asp Asp Val Asp Lys 1010 1015 1020
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- Gly Lys Ser Arg Ile Ile Lys Met Asp Asn Glu Asn Asn Asn Thr Asn 1045 1050 1055



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- Cys Ile Phe Asn Met Gly Ser Met Leu Phe Asn Val Ile Asn Ala Ile 1075 1080 1085
- Lys Glu Ile Glu Lys Glu Gln Tyr Ile Ser His Asn Tyr Ser Phe Ser 1090 1095 1100
- Ile Tal Asp Met Ile Phe Leu Asn Pro Leu Asp Lys Asn Met Ile Asp 105 1110 1115 1120
- His Wal The Lys Gln Asn Lys His Gln Tyr Leu The Thr Tyr Glu Asp 1125 1130 1135
- Asn Thr Ile Gly Gly Phe Ser Thr His Phe Asn Asn Tyr Leu Ile Glu 1140 1145 1150
- Asn Asn Tyr Ile Thr Lys His Asn Leu Tyr Val His Asn Ile Tyr Leu 1155 1160 1165
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- Lys Ash Ash Pro Thr 1205